

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number: 1165.54USC4	Application Number: <del>NEW FILING</del> 10/690,122
	Applicant: CLARK ET AL.	
	Filing Date: <del>HEREWITH</del> 10/29/03	Group Art Unit: <del>UNKNOWN</del> 3713

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	Re. 34,476	12/14/1993	Norwood			
	3,405,457	10/15/1968	Bitzer			
	3,538,626	11/10/1970	Frank			
	3,762,072	10/02/1973	From			
	3,932,948	01/20/1976	Goddard et al.			
	4,004,354	01/25/1977	Yamauchi			
	4,151,659	05/01/1979	Lien et al.			
	4,205,780	06/03/1980	Burns et al.			
	4,478,584	10/23/1984	Kaney			
	4,518,267	05/21/1985	Hepp			
	4,518,361	05/21/1985	Conway			
	4,553,261	11/12/1985	Froessl			
	4,627,818	12/09/1986	Von Fellenberg			
	4,648,062	03/03/1987	Johnson et al.			
	4,671,772	06/09/1987	Slade et al.			
	4,694,352	09/15/1987	Ina et al.			
	4,705,479	11/10/1987	Maron			
	4,708,503	11/24/1987	Poor			
	4,715,818	12/29/1987	Shapiro et al.			
	4,741,047	04/26/1988	Sharpe, II			
	4,760,246	07/26/1988	Shepard			
	4,764,120	08/16/1988	Griffin et al.			
	4,789,543	12/06/1988	Linder			
	4,798,543	01/17/1989	Spiece			
	4,845,739	07/04/1989	Katz			
	4,867,685	09/19/1989	Brush et al.			
	4,878,175	10/31/1989	Norden-Paul et al.			

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✓	4,895,518	01/23/1990	Arnold et al.			
↑	4,908,759	03/13/1990	Alexander, Jr. et al.			
	4,930,077	05/29/1990	Fan			
	4,937,439	06/26/1990	Wanninger et al.			
	4,958,284	09/18/1990	Bishop et al.			
	4,978,305	12/18/1990	Kraft			
	4,996,642	02/26/1991	Hey			
	5,002,491	03/26/1991	Abrahamson et al.			
	5,003,613	03/26/1991	Lovelady et al.			
	5,011,413	04/30/1991	Ferris et al.			
	5,023,435	06/11/1991	Deniger			
	5,035,625	07/30/1991	Munson et al.			
	5,038,392	08/06/1991	Morris et al.			
	5,054,096	10/01/1991	Beizer			
	5,058,185	10/15/1991	Morris et al.			
	5,059,127	10/22/1991	Lewis et al.			
	5,072,383	12/10/1991	Brimm et al.			
	5,086,385	02/04/1992	Launey et al.			
	5,100,329	03/31/1992	Deesen et al.			
	5,101,447	03/31/1992	Sokoloff et al.			
	5,103,490	04/07/1992	McMillin			
	5,105,354	04/14/1992	Nishimura			
	5,119,433	06/02/1992	Will			
	5,134,669	07/28/1992	Keogh et al.			
	5,140,650	08/18/1992	Casey et al.			
	5,147,205	09/15/1992	Gross et al.			
	5,151,948	09/29/1992	Lyke et al.			
	5,176,520	01/05/1993	Hamilton			
✓	5,180,309	01/19/1993	Egnor			

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	5,195,033	03/16/1993	Samph et al.			
	5,204,813	04/20/1993	Samph et al.			
	5,211,564	05/18/1993	Martinez et al.			
	5,258,855	11/02/1993	Lech et al.			
	5,259,766	11/09/1993	Sack et al.			
	5,261,823	11/16/1993	Kurokawa			
	5,267,865	12/07/1993	Lee et al.			
	5,294,229	03/15/1994	Hartzell et al.			
	5,302,132	04/12/1994	Corder			
	5,310,349	05/10/1994	Daniels et al.			
	5,318,450	06/07/1994	Carver			
	5,321,611	06/14/1994	Clark et al.			
	5,344,132	09/06/1994	LeBrun et al.			
	5,376,007	12/27/1994	Zirm			
	5,379,213	01/03/1995	Derks			
	5,387,104	02/07/1995	Corder			
	5,418,865	05/23/1995	Bloomberg			
	5,433,615	07/18/1995	Clark			
	5,437,554	08/01/1995	Clark et al.			
	5,437,555	08/01/1995	Ziv-El			
	5,452,379	09/19/1995	Poor			
	5,458,493	10/17/1995	Clark et al.			
	5,466,159	11/14/1995	Clark et al.			
	5,496,175	03/05/1996	Oyama et al.			
	5,544,255	08/06/1996	Smithies et al.			
	5,558,521	09/24/1996	Clark et al.			
	5,565,316	10/15/1996	Kershaw et al.			
	5,596,698	01/21/1997	Morgan			
	5,634,101	05/27/1997	Blau			
	5,647,017	07/08/1997	Smithies et al.			

EXAMINER <i>J. H. [Signature]</i>	DATE CONSIDERED 2/24/05
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✓	5,672,060	09/30/1997	Poor			
	5,690,497	11/25/1997	Clark et al.			
	5,691,895	11/1997	Kurtzberg et al.			
	5,709,551	01/20/1998	Clark et al.			
	5,716,213	02/10/1998	Clark et al.			
	5,718,591	02/17/1998	Clark et al.			
	5,735,694	04/07/1998	Clark et al.			
	5,752,836	05/19/1998	Clark et al.			
	5,987,149	11/16/1999	Poor			
	5,987,302	11/16/1999	Driscoll et al.			
	5,991,595	11/23/1999	Romano et al.			
	6,155,839	12/05/2000	Clark et al.			
	6,157,921	12/2000	Barnhill			
	6,159,018	12/12/2000	Clark et al.			
	6,168,440 B1	01/02/2001	Clark et al.			
	6,183,261 B1	02/06/2001	Clark et al.			
	6,193,521 B1	02/27/2001	Clark et al.			
✓	6,558,166 B1	05/06/2003	Clark et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
✓	0 171 663	02/19/1986	EP				
	2 274 932 A	08/10/1994	GB				
	56-10634	02/03/1981	JP			abstract only	
	3-1709	01/11/1991	JP			abstract only	
	5-74825	10/19/1993	JP			abstract only	
	62-75578	04/07/1987	JP			abstract only	
	4-147288 A	05/20/1992	JP			abstract	
	WO 90/05970	05/31/1990	PCT				
✓	WO 99/06930	02/11/1999	PCT				

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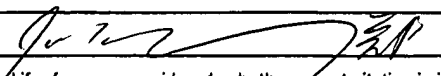
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Author Unknown, "'Score Image" Processing of Constructed-Responses, Essays, and Writing Samples", <i>Uniscor, Incorporated</i> : 3 pages (1992)
		Author Unknown, "Image Processing of Open-Ended Questions", <i>Uniscor, Incorporated</i> : 3 pages (1992)
		Breland, H. et al. "Remote Scoring of Essays", <i>College Board Report</i> , No. 88-3, ETS RR No. 88-4, 43 pages (1998)
		Brown, P. et al., "Validation - Cost Effective External Evaluation", <i>Australian Journal of Educational Technology</i> , 6(2): 5 pages (1990)
		Draper, S.W. et al., "Integrative evaluation: An emerging role for classroom studies of CAL", Internet: <a href="http://www.psy.gla.ac.uk/~steve/IE.html">http://www.psy.gla.ac.uk/~steve/IE.html</a> : 17 pages (August 12, 1995)
		Draper, S.W., "Observing, Measuring, or Evaluating Courseware", Internet: <a href="http://www.psy.gla.ac.uk/~steve/Eval.HE.html">http://www.psy.gla.ac.uk/~steve/Eval.HE.html</a> : 10 pages (February 18, 1996)
		Foxon, M., "Evaluation of training and development programs: A review of the literature", <i>Australian Journal of Educational Technology</i> , 5(2): 16 pages (1989)
		Gathy, P. et al., "Computer-Assisted Self-Assessment (CASA) In Histology", <i>Computers &amp; Education</i> , 17(2): Front cover and 109-116 (1991)
		IBM Personal Science Laboratory (PSL), IBM Tools For Education, 12 pages (1990)
		IBM Education Local Area Network and Tools (EdLAN), Tools for education: 16 pages (1991)
		IBM PS/2@ MultiMedia for Microscopic Studies, 4 pages (1991)
		IBM Multimedia Supplement to T.H.E. Journal, Special Issue, 41 pages (September 1991)
		IBM Software for Education Catalogue, Pre-kindergarten to Adult Tools for Education, 86 pages, 1991/92 Edition
		Kool, L., "The Scribophone: a graphic telecommunication system", <i>Philips Telecommunications Review</i> , Vol. 38, No. 1, 11 pages (January 1980)
		Sims, R., "Futures for Computer-Based Training: Developing the learner-computer interface", <i>Australian Journal of Educational Technology</i> , 4(2): 11 pages (1988)
		Uniscor Proposal Number 92-11, to Delaware Department of Public Instruction (May 15, 1992)

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